BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Part Bill

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	1	
Item Name:	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth	

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
		For RCC DRAIN								
		Balaji layout road South Side (From 10th Cross BHEL Layout)								
	0.00	30.00	1	30.00	1.10	1.20	39.60			
	30.00	31.80	1	1.80	1.10	1.20	2.38			
		Cross Drain								
	31.80	52.60	1	20.80	1.10	1.20	27.46			
		5.2m Culvert								
	52.60	74.90	1	22.30	1.10	1.20	29.44			
		6.2m Culvert								
	74.90	82.90	1	8.00	1.10	1.20	10.56			
	82.90	103.30	1	20.40	1.10	1.20	26.93			
		5.0m Culvert								
	103.30	124.50	1	21.20	1.10	1.10	25.65			
		3								
	124.50	153.10	1	28.60	1.10	1.00	31.46			
		Balaji layout road North Side (From 10th Cross BHEL Layout)								
	0.00	30.00	1	30.00	1.10	1.20	39.60			
	30.00	33.40	1	3.40	1.10	1.20	4.49			
		Cross Drain								
	33.40	53.40	1	20.00	1.10	1.20	26.40			
		5.6m Culvert								
	53.40	74.70	1	21.30	1.10	1.20	28.12			
	74.70	80.40	1	5.70	1.10	1.20	7.52			
		6.0m Culvert								
	80.40	100.00	1	19.60	1.10	1.20	25.87			
	100.00	130.00	1	30.00	1.10	1.10	36.30			
	130.00	158.70	1	28.70	1.10	1.00	31.57			
		2nd Cross Road West Side (From Balaji Layout North Side Road)								
	0.00	24.50	1	24.50	1.10	1.00	26.95			
		2nd Cross Road East Side (From Balaji Layout North Side Road)								
	0.00	24.50	1	24.50	1.10	1.00	26.95			
		2nd Cross Road West Side (From Balaji Layout South Side Road)								
	0.00	30.00	1	30.00	1.10	0.99	32.67			
	30.00	48.50	1	18.50	1.10	1.00	20.35			
		2nd Cross Road East Side (From Balaji Layout South Side Road)								
	0.00	30.00	1	30.00	1.10	1.00	33.00			

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
	30.00	48.50	1	18.50	1.10	1.00	20.35			
3rd Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	12.80	1	12.80	1.10	0.98	13.80			
3rd Cross Road East Side (From Balaji Layout North Side Road)										
	0.00	13.00	1	13.00	1.10	1.00	14.30			
3rd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	0.99	32.67			
	30.00	31.50	1	1.50	1.10	1.00	1.65			
3rd Cross Road East Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	1.00	33.00			
	30.00	31.50	1	1.50	1.10	1.00	1.65			
4th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	1.00	33.00			
	30.00	35.50	1	5.50	1.10	1.00	6.05			
4th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	1.00	33.00			
	30.00	35.50	1	5.50	1.10	1.00	6.05			
5th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	1.00	33.00			
	30.00	33.80	1	3.80	1.10	1.00	4.18			
5th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	1.00	33.00			
	30.00	33.20	1	3.20	1.10	1.00	3.52			
6th Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	30.00	1	30.00	1.10	1.00	33.00			
	30.00	56.60	1	26.60	1.10	1.00	29.26			
6th Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	1.00	33.00			
	30.00	32.40	1	2.40	1.10	1.00	2.64			
For KERB										
Balaji layout road South Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	0.20	0.20	1.20			
	30.00	31.80	1	1.80	0.20	0.20	0.07			
Cross Drain										
	31.80	52.60	1	20.80	0.20	0.20	0.83			
5.2m Culvert										
	52.60	74.90	1	22.30	0.20	0.20	0.89			
6.2m Culvert										

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
	74.90	82.90	1	8.00	0.20	0.20	0.32			
	82.90	103.30	1	20.40	0.20	0.20	0.82			
		5.0m Culvert								
	103.30	124.50	1	21.20	0.20	0.20	0.85			
		5.3m Culvert								
	124.50	153.10	1	28.60	0.20	0.20	1.14			
		Balaji layout road North Side (From 10th Cross BHEL Layout)								
	0.00	30.00	1	30.00	0.20	0.20	1.20			
	30.00	33.40	1	3.40	0.20	0.20	0.14			
		Cross Drain								
	33.40	53.40	1	20.00	0.20	0.20	0.80			
		5.6m Culvert								
	53.40	74.70	1	21.30	0.20	0.20	0.86			
	74.70	80.40	1	5.70	0.20	0.20	0.23			
		6.0m Culvert								
	80.40	100.00	1	19.60	0.20	0.20	0.78			
	100.00	130.00	1	30.00	0.20	0.20	1.20			
	130.00	158.70	1	28.70	0.20	0.20	1.15			
		For RCC CULVERT								
		Balaji Layout Road North Side(From 10th Cross BHEL Layout								
		2nd Cross								
	0.00	5.60	1	5.60	1.40	1.10	8.62			
		3rd Cross								
	0.00	6.00	1	6.00	1.40	1.00	8.40			
		Balaji Layout Road South Side(From 10th Cross BHEL Layout)								
		2nd Cross								
	0.00	5.20	1	5.20	1.40	1.10	8.01			
		3rd Cross								
	0.00	6.20	1	6.20	1.40	1.00	8.68			
		4th Cross								
	0.00	5.00	1	5.00	1.40	1.10	7.70			
		5th Cross								
	0.00	5.30	1	5.30	1.40	1.10	8.16			
						Total Qty Work Done	962.42			
						Qty Payable in this bill	962.42			
						Qty Considered	962.42	Cum	211.79	203831.00

Contractor

Assistant Engineer
Ward-3

Project Management Consultants

Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Part Bill

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	2
Item Name:	KSRRB M2900-1. **Plain cement concrete M10** mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per the specification

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
For RCC DRAIN										
Balaji layout road South Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	31.80	1	1.80	1.10	0.15	0.30			
Cross Drain										
	31.80	52.60	1	20.80	1.10	0.15	3.43			
5.2m Culvert										
	52.60	74.90	1	22.30	1.10	0.15	3.68			
6.2m Culvert										
	74.90	82.90	1	8.00	1.10	0.15	1.32			
	82.90	103.30	1	20.40	1.10	0.15	3.37			
5.0m Culvert										
	103.30	124.50	1	21.20	1.10	0.15	3.50			
5.3m Culvert										
	124.50	153.10	1	28.60	1.10	0.15	4.72			
Balaji layout road North Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	33.40	1	3.40	1.10	0.15	0.56			
Cross Drain										
	33.40	53.40	1	20.00	1.10	0.15	3.30			
5.6m Culvert										
	53.40	74.70	1	21.30	1.10	0.15	3.51			
	74.70	80.40	1	5.70	1.10	0.15	0.94			
6.0m Culvert										
	80.40	100.00	1	19.60	1.10	0.15	3.23			
	100.00	130.00	1	30.00	1.10	0.15	4.95			
	130.00	158.70	1	28.70	1.10	0.15	4.74			
2nd Cross Road West Side (From Balaji Layout Road)										
	0.00	24.50	1	24.50	1.10	0.15	4.04			
2nd Cross Road East Side (From Balaji Layout Road)										
	0.00	24.50	1	24.50	1.10	0.15	4.04			

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
2nd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	48.50	1	18.50	1.10	0.15	3.05			
2nd Cross Road East Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	48.50	1	18.50	1.10	0.15	3.05			
3rd Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	12.80	1	12.80	1.10	0.15	2.11			
3rd Cross Road East Side (From Balaji Layout North Side Road)										
	0.00	13.00	1	13.00	1.10	0.15	2.15			
3rd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	31.50	1	1.50	1.10	0.15	0.25			
3rd Cross Road East Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	31.50	1	1.50	1.10	0.15	0.25			
4th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	35.50	1	5.50	1.10	0.15	0.91			
4th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	35.50	1	5.50	1.10	0.15	0.91			
5th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	33.80	1	3.80	1.10	0.15	0.63			
5th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	33.20	1	3.20	1.10	0.15	0.53			
6th Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	56.60	1	26.60	1.10	0.15	4.39			
6th Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	32.40	1	2.40	1.10	0.15	0.40			

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
For KERB										
Balaji layout road South Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	0.20	0.10	0.60			
	30.00	31.80	1	1.80	0.20	0.10	0.04			
Cross Drain										
	31.80	52.60	1	20.80	0.20	0.10	0.42			
5.2m Culvert										
	52.60	74.90	1	22.30	0.20	0.10	0.45			
6.2m Culvert										
	74.90	82.90	1	8.00	0.20	0.10	0.16			
	82.90	103.30	1	20.40	0.20	0.10	0.41			
5.0m Culvert										
	103.30	124.50	1	21.20	0.20	0.10	0.42			
5.3m Culvert										
	124.50	153.10	1	28.60	0.20	0.10	0.57			
Balaji layout road North Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	0.20	0.10	0.60			
	30.00	33.40	1	3.40	0.20	0.10	0.07			
Cross Drain										
	33.40	53.40	1	20.00	0.20	0.10	0.40			
5.6m Culvert										
	53.40	74.70	1	21.30	0.20	0.10	0.43			
	74.70	80.40	1	5.70	0.20	0.10	0.11			
6.0m Culvert										
	80.40	100.00	1	19.60	0.20	0.10	0.39			
	100.00	130.00	1	30.00	0.20	0.10	0.60			
	130.00	158.70	1	28.70	0.20	0.10	0.57			
For RCC CULVERT										
Balaji Layout Road North Side(From 10th Cross BHEL Layout)										
2nd Cross										
	0.00	5.60	1	5.60	1.40	0.15	1.18			
3rd Cross										
	0.00	6.00	1	6.00	1.40	0.15	1.26			
Balaji Layout Road South Side(From 10th Cross BHEL Layout)										
2nd Cross										
	0.00	5.20	1	5.20	1.40	0.15	1.09			
3rd Cross										
	0.00	6.20	1	6.20	1.40	0.15	1.30			

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
4th Cross										
	0.00	5.00	1	5.00	1.40	0.15	1.05			
5th Cross										
	0.00	5.30	1	5.30	1.40	0.15	1.11			
Total Qty Work Done							140.87			
Qty Payable in this bill							140.87			
Qty Considered							140.87	Cum	4479.56	631049.00

VSR INFRA PVT. LTD. BANGALORE

Contractor

Project Management Consultants

Assistant Engineer
Ward-3

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
Asst.Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement-

First & Part Bill

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No: 3

Item Name: KSRRB M2200-6. Providing **TMT Bars Fe 500 steel reinforcement for R.C.C.** work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit	Rate	Amount
For RCC Drain												
Balaji layout road South Side (From 10th Cross BHEL Layout)												
1	8	1	140mm C/C	19	153.10	2952.64	Distribution	0.40	1166.48			
2	10	1	100mm C/C	1531	2.70	4133.70	Main Bar	0.62	2551.67			
Balaji layout road North Side (From 10th Cross BHEL Layout)												
1	8	1	140mm C/C	19	158.70	3060.64	Distribution	0.40	1209.14			
2	10	1	100mm C/C	1587	2.70	4284.90	Main Bar	0.62	2645.00			
2nd Cross Road West Side (From Balaji Layout North Side Road)												
1	8	1	140mm C/C	16	24.50	402.50	Distribution	0.40	159.01			
2	10	1	100mm C/C	245	2.30	563.50	Main Bar	0.62	347.84			
2nd Cross Road East Side (From Balaji Layout North Side Road)												
1	8	1	140mm C/C	16	24.50	402.50	Distribution	0.40	159.01			
2	10	1	100mm C/C	245	2.30	563.50	Main Bar	0.62	347.84			
2nd Cross Road West Side (From Balaji Layout South Side Road)												
1	8	1	140mm C/C	17	48.50	831.43	Distribution	0.40	328.47			
2	10	1	100mm C/C	485	2.40	1164.00	Main Bar	0.62	718.52			
2nd Cross Road East Side (From Balaji Layout South Side Road)												
1	8	1	140mm C/C	17	48.50	831.43	Distribution	0.40	328.47			
2	10	1	100mm C/C	485	2.40	1164.00	Main Bar	0.62	718.52			
3rd Cross Road West Side (From Balaji Layout North Side Road)												
1	8	1	140mm C/C	16	12.80	210.29	Distribution	0.40	83.08			
2	10	1	100mm C/C	128	2.30	294.40	Main Bar	0.62	181.73			
3rd Cross Road East Side (From Balaji Layout North Side Road)												
1	8	1	140mm C/C	16	13.00	213.57	Distribution	0.40	84.37			
2	10	1	100mm C/C	130	2.30	299.00	Main Bar	0.62	184.57			
3rd Cross Road West Side (From Balaji Layout South Side Road)												
1	8	1	140mm C/C	16	31.50	517.50	Distribution	0.40	204.44			
2	10	1	100mm C/C	315	2.30	724.50	Main Bar	0.62	447.22			
3rd Cross Road East Side (From Balaji Layout South Side Road)												
1	8	1	140mm C/C	16	31.50	517.50	Distribution	0.40	204.44			
2	10	1	100mm C/C	315	2.30	724.50	Main Bar	0.62	447.22			
4th Cross Road West Side (From Balaji Layout Road)												
1	8	1	140mm C/C	16	35.50	583.21	Distribution	0.40	230.41			
2	10	1	100mm C/C	355	2.30	816.50	Main Bar	0.62	504.01			
4th Cross Road East Side (From Balaji Layout Road)												
1	8	1	140mm C/C	16	35.50	583.21	Distribution	0.40	230.41			
2	10	1	100mm C/C	355	2.30	816.50	Main Bar	0.62	504.01			
5th Cross Road West Side (From Balaji Layout Road)												
1	8	1	140mm C/C	16	33.80	543.21	Distribution	0.40	214.60			
2	10	1	100mm C/C	338	2.25	760.50	Main Bar	0.62	469.44			
5th Cross Road East Side (From Balaji Layout Road)												
1	8	1	140mm C/C	16	33.20	533.57	Distribution	0.40	210.79			
2	10	1	100mm C/C	332	2.25	747.00	Main Bar	0.62	461.11			
6th Cross Road West Side (From Balaji Layout North Side Road)												
1	8	1	140mm C/C	16	33.80	543.21	Distribution	0.40	214.60			
2	10	1	100mm C/C	338	2.25	760.50	Main Bar	0.62	469.44			

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit	Rate	Amount
6th Cross Road West Side (From Balaji Layout South Side Road)												
1	8	1	140mm C/C	16	33.20	533.57	Distribution	0.40	210.79			
2	10	1	100mm C/C	332	2.25	747.00	Main Bar	0.62	461.11			
Total Quantity of Steel in Kg's for RCC Drain only									16697.9			
For RCC CULVERT												
Balaji Layout Road North Side(From 10th Cross BHEL Layout)												
2nd Cross												
1	10	2	150mm C/C	15	5.60	171.73	Distribution	0.62	106.01			
2	12	2	125mm C/C	45	2.30	206.08	Main Bar	0.89	183.18			
3rd Cross												
1	10	2	150mm C/C	15	6.00	184.00	Distribution	0.62	113.58			
2	12	2	125mm C/C	48	2.30	220.80	Main Bar	0.89	196.27			
Balaji Layout Road North Side(From 10th Cross BHEL Layout)												
2nd Cross												
1	10	2	150mm C/C	15	5.20	159.47	Distribution	0.62	98.44			
2	12	2	125mm C/C	42	2.30	191.36	Main Bar	0.89	170.10			
3rd Cross												
1	10	2	150mm C/C	15	6.20	190.13	Distribution	0.62	117.37			
2	12	2	125mm C/C	50	2.30	228.16	Main Bar	0.89	202.81			
4th Cross												
1	10	2	150mm C/C	15	5.00	153.33	Distribution	0.62	94.65			
2	12	2	125mm C/C	40	2.30	184.00	Main Bar	0.89	163.56			
5th Cross												
1	10	2	150mm C/C	15	5.30	159.00	Distribution	0.62	98.15			
2	12	2	125mm C/C	42	2.25	190.80	Main Bar	0.89	169.60			
Total Quantity of Steel in Kg's for RCC Culvert only									1713.7			
Total Quantity of Steel in Kg's									18411.5	kgs		
Total Quantity of Steel in Tonne's									18.41			
Qty Payable in this bill									18.41			
Qty Considered									18.41	Tonnes	72326.98	1331647.00

Contractor

Assistant Engineer
Ward-3

INFRA PVT. LTD. BANGALORE

Project Management Consultants

Asst.Executive Engineer
Scientific Town Sub Division
B.B.M.P. Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Part Bill

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	4
Item Name:	Providing and laying plain/reinforced cement concrete for side **drains wall & bottom** thickness 15cm using **M20** nominal mix concrete with OPC at 300 kgs with 29mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregate at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
For RCC DRAIN RAFT										
Balaji layout road South Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	31.80	1	1.80	1.00	0.15	0.27			
Cross Drain										
	31.80	52.60	1	20.80	1.00	0.15	3.12			
5.2m Culvert										
	52.60	74.90	1	22.30	1.00	0.15	3.35			
6.2m Culvert										
	74.90	82.90	1	8.00	1.00	0.15	1.20			
	82.90	103.30	1	20.40	1.00	0.15	3.06			
5.0m Culvert										
	103.30	124.50	1	21.20	1.00	0.15	3.18			
5.3m Culvert										
	124.50	153.10	1	28.60	1.00	0.15	4.29			
Balaji layout road North Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	33.40	1	3.40	1.00	0.15	0.51			
Cross Drain										
	33.40	53.40	1	20.00	1.00	0.15	3.00			
5.6m Culvert										
	53.40	74.70	1	21.30	1.00	0.15	3.20			
	74.70	80.40	1	5.70	1.00	0.15	0.86			
6.0m Culvert										
	80.40	100.00	1	19.60	1.00	0.15	2.94			
	100.00	130.00	1	30.00	1.00	0.15	4.50			
	130.00	158.70	1	28.70	1.00	0.15	4.31			
2nd Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	24.50	1	24.50	1.00	0.15	3.68			

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
2nd Cross Road East Side (From Balaji Layout North Side Road)										
	0.00	24.50	1	24.50	1.00	0.15	3.68			
2nd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	48.50	1	18.50	1.00	0.15	2.78			
2nd Cross Road East Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	48.50	1	18.50	1.00	0.15	2.78			
3rd Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	12.80	1	12.80	1.00	0.15	1.92			
3rd Cross Road East Side (From Balaji Layout North Side Road)										
	0.00	13.00	1	13.00	1.00	0.15	1.95			
3rd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	31.50	1	1.50	1.00	0.15	0.23			
3rd Cross Road East Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	31.50	1	1.50	1.00	0.15	0.23			
4th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	35.50	1	5.50	1.00	0.15	0.83			
4th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	35.50	1	5.50	1.00	0.15	0.83			
5th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	33.80	1	3.80	1.00	0.15	0.57			
5th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	33.20	1	3.20	1.00	0.15	0.48			

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
6th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	56.60	1	26.60	1.00	0.15	3.99			
6th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	32.40	1	2.40	1.00	0.15	0.36			
For RCC DRAIN WALL										
Balaji layout road South Side (From 10th Cross BHEL Layout)										
	0.00	30.00	2	30.00	0.15	0.90	8.10			
	30.00	31.80	2	1.80	0.15	0.90	0.49			
Cross Drain										
	31.80	52.60	2	20.80	0.15	0.91	5.68			
5.2m Culvert										
	52.60	74.90	2	22.30	0.15	0.90	6.02			
6.2m Culvert										
	74.90	82.90	2	8.00	0.15	0.89	2.14			
	82.90	103.30	2	20.40	0.15	0.90	5.51			
5.0m Culvert										
	103.30	124.50	2	21.20	0.15	0.70	4.45			
5.3m Culvert										
	124.50	153.10	2	28.60	0.15	0.60	5.15			
Balaji layout road North Side (From 10th Cross BHEL Layout)										
	0.00	30.00	2	30.00	0.15	0.90	8.10			
	30.00	33.40	2	3.40	0.15	0.89	0.91			
Cross Drain										
	33.40	53.40	2	20.00	0.15	0.89	5.34			
5.6m Culvert										
	53.40	74.70	2	21.30	0.15	0.91	5.81			
	74.70	80.40	2	5.70	0.15	0.90	1.54			
6.0m Culvert										
	80.40	100.00	2	19.60	0.15	0.89	5.23			
	100.00	130.00	2	30.00	0.15	0.70	6.30			
	130.00	158.70	2	28.70	0.15	0.60	5.17			
2nd Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	24.50	2	24.50	0.15	0.70	5.15			
2nd Cross Road East Side (From Balaji Layout North Side Road)										
	0.00	24.50	2	24.50	0.15	0.60	4.41			
2nd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	2	30.00	0.15	0.60	5.40			
	30.00	48.50	2	18.50	0.15	0.60	3.33			

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
For RCC CULVERT										
Balaji Layout Road North Side(From 10th Cross BHEL Layout)										
2nd Cross										
	0.00	5.60	1	5.60	1.40	0.25	1.96			
3rd Cross										
	0.00	6.00	1	6.00	1.40	0.25	2.10			
Balaji Layout Road South Side(From 10th Cross BHEL Layout)										
2nd Cross										
	0.00	5.20	1	5.20	1.40	0.25	1.82			
3rd Cross										
	0.00	6.20	1	6.20	1.40	0.25	2.17			
4th Cross										
	0.00	5.00	1	5.00	1.40	0.25	1.75			
5th Cross										
	0.00	5.30	1	5.30	1.40	0.25	1.86			
For RCC CULVERT										
Balaji Layout Road North Side(From 10th Cross BHEL Layout)										
2nd Cross										
	0.00	5.60	2	5.60	0.25	0.46	1.29			
3rd Cross										
	0.00	6.00	2	6.00	0.25	0.45	1.35			
Balaji Layout Road South Side(From 10th Cross BHEL Layout)										
2nd Cross										
	0.00	5.20	2	5.20	0.25	0.45	1.17			
3rd Cross										
	0.00	6.20	2	6.20	0.25	0.46	1.43			
4th Cross										
	0.00	5.00	2	5.00	0.25	0.45	1.13			
5th Cross										
	0.00	5.30	2	5.30	0.25	0.44	1.17			
						Total Qty Work Done	**295.13**			
						Qty Payable in this bill	**295.13**			
						Qty Considered	**295.13**	**Cum**	**7070.20**	**2086610.00**

Contractor

Project Management Consultants

Assistant Engineer
Ward-3

Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no; 03 Yelahanka satellite Town Sub division

Date of Measurement:-

Detailed Measurements

Item No:	Description of Item	NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
					Present Qty	962.42	Cum	211.79	203831.00
2	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per the specification								
					Present Qty	140.87	Cum	4479.56	631049.00
3	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.								
					Present Qty	18.41	Tonn	72326.98	1331647.00
4	Providing and laying plain/reinforced cement concrete for side drains wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs with 29mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregate at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.								
					Present Qty	295.13	Cum	7070.20	2086610.00

VSR INFRA PVT. LTD. BANGALORE

Contractor

Project Management Consultants

Assistant Engineer
Ward-3

Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Part Bill

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	5
Item Name :	Supplying and fixing precast reinforced concrete slab 10cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges , labour charges inclusive of cost of cost of all materials (data Rate enclosed)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
				For RCC DRAIN						
Balaji layout road South Side (From 10th Cross BHEL Layout)										
	0.00	17.00		17.00	BS Slabs					
	17.00	31.80	1	14.80	0.90	-	13.32			
				Cross Drain						
	31.80	52.60	1	20.80	0.90	-	18.72			
				5.2m Culvert						
	52.60	74.90	1	22.30	0.90	-	20.07			
				6.2m Culvert						
	74.90	82.90		8.00	BS Slabs					
	82.90	103.30	1	20.40	0.90	-	18.36			
				5.0m Culvert						
	103.30	124.50	1	21.20	0.90	-	19.08			
				5.3m Culvert						
	124.50	153.10		28.60	BS Slabs					
Balaji layout road North Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	33.40	1	3.40	0.90	-	3.06			
				Cross Drain						
	33.40	53.40	1	20.00	0.90	-	18.00			
				5.6m Culvert						
	53.40	74.70	1	21.30	0.90	-	19.17			
	74.70	80.40		5.70	BS Slabs					
				6.0m Culvert						
	80.40	100.00	1	19.60	0.90	-	17.64			
	100.00	130.00	1	30.00	0.90	-	27.00			
	130.00	158.70	1	28.70	0.90	-	25.83			
2nd Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	24.50	1	24.50	0.90	-	22.05			
2nd Cross Road East Side (From Balaji Layout North Side Road)										
	0.00	24.50	1	24.50	0.90	-	22.05			
2nd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	48.50	1	18.50	0.90	-	16.65			
2nd Cross Road East Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	48.50	1	18.50	0.90	-	16.65			

02/06/202

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
3rd Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	12.80	1	12.80	0.90	-	11.52			
3rd Cross Road East Side (From Balaji Layout North Side Road)										
	0.00	13.00	1	13.00	0.90	-	11.70			
3rd Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	31.50	1	1.50	0.90	-	1.35			
3rd Cross Road East Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	31.50	1	1.50	0.90	-	1.35			
4th Cross Road West Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	35.50	1	5.50	0.90	-	4.95			
4th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	35.50	1	5.50	0.90	-	4.95			
5th Cross Road West Side (From Balaji Layout Road)										
	0.00	18.60		18.60	BS Slabs					
	18.60	33.80	1	15.20	0.90	-	13.68			
5th Cross Road East Side (From Balaji Layout Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	33.20	1	3.20	0.90	-	2.88			
6th Cross Road West Side (From Balaji Layout North Side Road)										
	0.00	12.70	1	12.70	0.90	-	11.43			
	12.70	37.90		25.20	BS Slabs					
	37.90	56.60	1	18.70	0.90	-	16.83			
6th Cross Road West Side (From Balaji Layout South Side Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	32.40	1	2.40	0.90	-	2.16			
						Total Qty Work Done	603.45			
						Qty Payable in this bill	603.45			
						Qty Considered	603.45	Sqm	2337.00	1410263.00

02/06/2020

Project Management Consultants

Contractor

Assistant Engineer
Ward-3

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Part Bill

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	6	
Item Name:	Providing and laying Pre Cast Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)	

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
For RCC CULVERT										
Balaji Layout Road North Side(From 10th Cross BHEL Layout)										
	2nd Cross									
	0.00	5.60	1	5.60	1.20	-	6.72			
	3rd Cross									
	0.00	6.00	1	6.00	1.20	-	7.20			
Balaji Layout Road South Side(From 10th Cross BHEL Layout)										
	2nd Cross									
	0.00	5.20	1	5.20	1.20	-	6.24			
	3rd Cross									
	0.00	6.20	1	6.20	1.20	-	7.44			
	4th Cross									
	0.00	5.00	1	5.00	1.20	-	6.00			
	5th Cross									
	0.00	5.30	1	5.30	1.20	-	6.36			
							Total Qty Work Done			
							Qty Payable in this bill			
							Qty Considered	**39.96**	**Sqm**	**5418.00**	**216503.00**

Contractor

Assistant Engineer
Ward-3

Project Management Consultants

Asst. Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Part Bill

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	8
Item Name:	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
	For Kerbs									
Balaji layout road South Side (From 10th Cross BHEL Layout)										
	0.00	17.00	1	17.00	-	0.30	5.10			
	17.00	31.80	1	14.80	-	0.30	4.44			
	Cross Drain									
	31.80	52.60	1	20.80	-	0.30	6.24			
	5.2m Culvert									
	52.60	74.90	1	22.30	-	0.30	6.69			
	6.2m Culvert									
	74.90	82.90	1	8.00	-	0.30	2.40			
	82.90	103.30	1	20.40	-	0.30	6.12			
	5.0m Culvert									
	103.30	124.50	1	21.20	-	0.30	6.36			
	5.3m Culvert									
	124.50	153.10	1	28.60	-	0.30	8.58			
Balaji layout road North Side (From 10th Cross BHEL Layout)										
	0.00	30.00	1	30.00	-	0.30	9.00			
	30.00	33.40	1	3.40	-	0.30	1.02			
	Cross Drain									
	33.40	53.40	1	20.00	-	0.30	6.00			
	5.6m Culvert									
	53.40	74.70	1	21.30	-	0.30	6.39			
	74.70	80.40	1	5.70	-	0.30	1.71			
	6.0m Culvert									
	80.40	100.00	1	19.60	-	0.30	5.88			
	100.00	130.00	1	30.00	-	0.30	9.00			
	130.00	158.70	1	28.70	-	0.30	8.61			

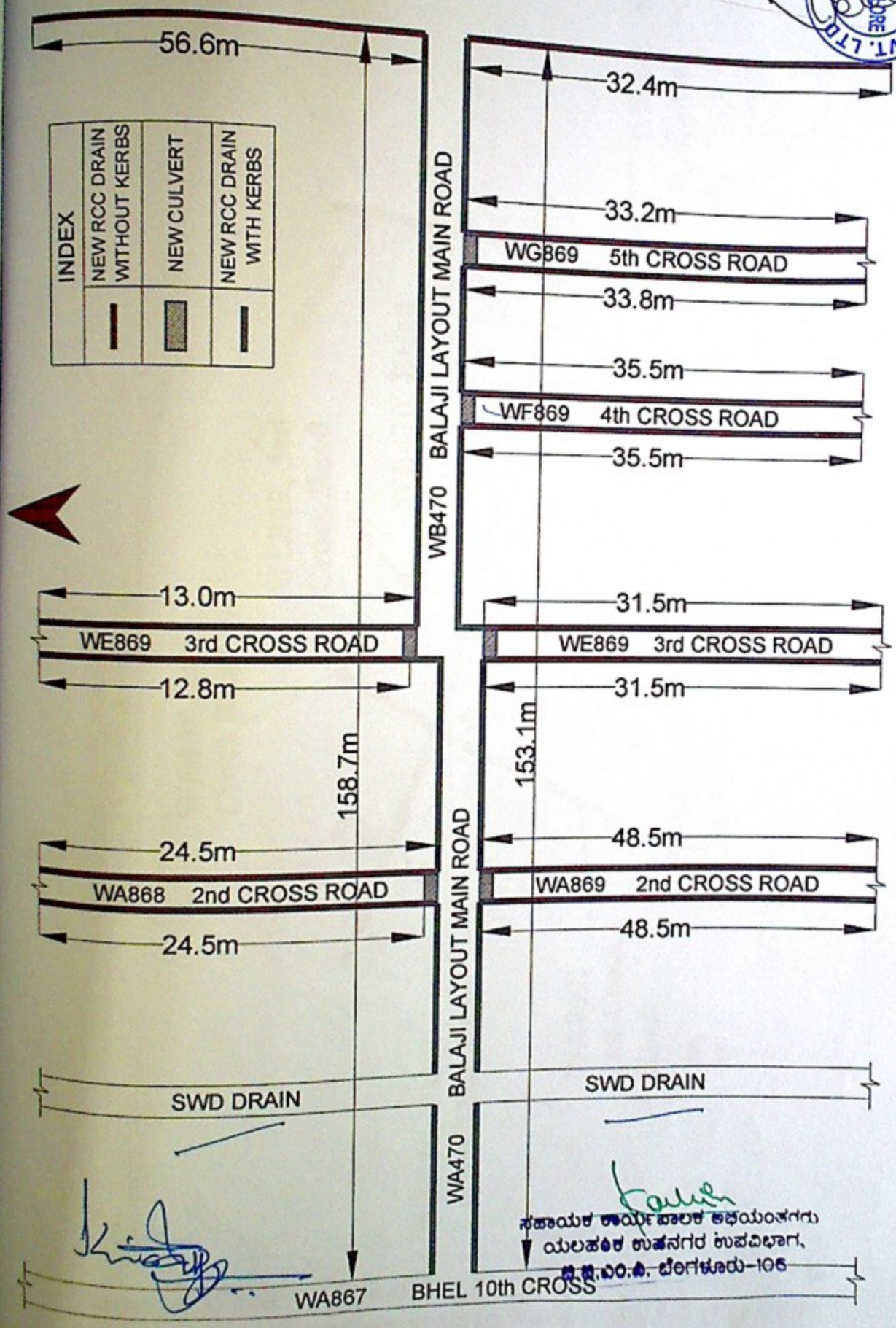
SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
Deduction of Kerbs due to Trees, Poles and Shoulders									
	0.00 3.00	1	3.00	-	0.30	-0.90			
					Total Qty Work Done	92.64			
					Qty Payable in this bill	92.64			
					Qty Considered	92.64	Sqm	84.80	7856.00
								Sub Total	6215458.00
								GST 12%	745855.00
								KRIDL 4%	248618.00
								GRAND TOTAL	7209931.00

Contractor

Assistant Engineer
Ward-3

Project Management Consultants

Asst. Executive Engineer
Yelahanka Satellite Town Sub Division



VSR CIVIL INFRA PVT. LTD. BANGALORE

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ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106

Name of Work:- Asphalting to roads at Ambhabhavani layout and surrounding area in

ea Yelahanka satellite Town Sub division